

MEDICAL CONTAINER

Patent Number: JP11004872
Publication date: 1999-01-12
Inventor(s): MOTOBAYASHI HIROSHI
Applicant(s): MATERIAL ENG TECH LAB INC
Requested Patent: ☐ JP11004872
Application Number: JP19970178522 19970617
Priority Number(s):
IPC Classification: A61J1/00 ; A61J1/05 ; A61M1/14
EC Classification:
Equivalents:

Abstract

PROBLEM TO BE SOLVED: To provide a medical container which stores medical solutions containing carbonic acid components, such that the concentration of bicarbonate ions is held constant at any stages, say, before or after manufacture or after a long period of preservation, and that the concentration of carbonic acid gas is also held within a predetermined range.

SOLUTION: In a medical container including two or more storage chambers 2 in which carbonic acid components are separately stored, with the storage chambers communicated together during use, the carbonic acid components are stored while in an alkaline state, in such a way that when the storage chambers are communicated together, the concentration of bicarbonate ions in mixed medical solutions is in the range from 10 to 30 mmol/L, and a mother liquor stored in a liquid storage chamber, other than the carbonic acid components, contains an excess gap acid so that when the storage chambers are communicated together, carbonic acid (P_{CO_2}) is generated in the range from 80 to 10 mmHg in the mixed medical solutions.

Data supplied from the esp@cenet database - 12